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# ● PRINTER RUSH ●

(PTO ASSISTANCE)

Application :

09/708136

Examiner :

Thomson

GAU :

3641

From :

NAB

Location :

IDC FMF FDC

Date :

10-7-05

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DOC CODE	DOC DATE	MISCELLANEOUS
<input type="checkbox"/> 1449		<input type="checkbox"/> Continuing Data
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<input type="checkbox"/> 312		
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[RUSH] MESSAGE:

Original claim 5 [new 4] depends from  
original canceled claim 4.

Thank You,  
NAB

[XRUSH] RESPONSE:

Changed depends on claim 1

INITIALS: (Signature)

NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH.

REV 10/04

## **LISTING OF THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An active heating system for a pipeline, comprising:  
an elongate pipeline with an interior for carrying a substance to be heated;  
a tube having a smaller cross section than the pipeline and passing through the interior of the pipeline for the tube to be in thermal communication with the material substance in the pipeline so that heated material substance passing through the tube will heat the pipeline and the material in the pipeline.
2. (Original) The system of Claim 1, further comprising insulation on the pipeline.
3. (Original) The system of Claim 1, wherein the pipeline has an interior wall defining the pipeline and the tube is disposed at the wall of the pipeline and extends along the wall of the pipeline.
4. (Canceled)
5. (Original) The system of Claim ~~4~~, wherein the tube is configured in the form of a helix that passes along the pipeline and is in contact with the interior of the pipeline extending along the pipeline.
6. (Original) The system of Claim 1, wherein the tube is substantially unattached to the interior of the pipeline over substantially the entire length of the tube and the pipeline.
7. (Original) The system of Claim 1, wherein the tube is configured in the form of a helix that passes along the pipeline.
8. (Original) The system of Claim 7, wherein the helix of the tube is in contact with the interior of the pipeline extending along the pipeline.